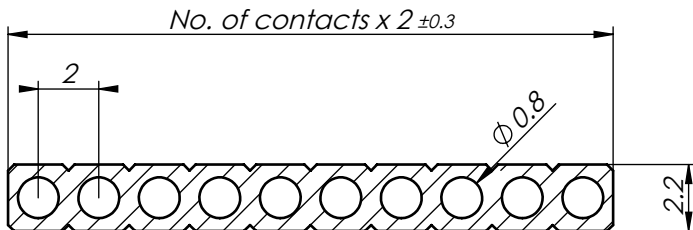
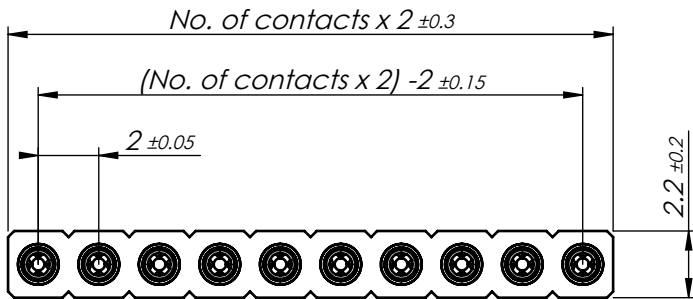


Technical Data

Pin (outer sleeve): Brass, machined CuZn38Pb2
 Clip (Contact 4 Finger): Beryllium copper, heat treated
 Insulator body (black): PPS polyester UL94V-0 electrical
 Current rating: 2 Amps/contact max.
 Mating pin Ø: 0.40/0.66mm
 Force: (polished steel gauge Ø0.46mm)
 -Insertion: 0.7N typ
 -Withdrawal: 0.4N typ
 Mechanical life: min 100 cycles
 Contact resistance: 10mΩ/contact
 Insulation resistance: 1000M at V=100V
 Operating voltage : 60 AC/DC
 Soldering temperature: +255°C for 5s



**Reommended
PCB Layout (±0.05)**



Order code

BL1-###-G420/04-##/20

No. of contacts
002 to 050

Contact plating
55 - Gold flash
66 - 0.25µm Gold
77 - 0.40µm Gold
95 - Tin/Gold flash (standard)
99 - Tin

Mate with pin header SL1-###-G600/01-##/20
 SL1-###-G350/01-##/20
 SL1-###-G280/01-##/20

patented	A4H	Scale 4:1	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS GENERAL TOLERANCES ISO 2768m			 E-tec Interconnect	Remark:
		REV 0	Modif:		"E-tec order code" BL1-###-G420/04-##/20		
	The information contained in this drawing is proprietary to E-tec Interconnect AG and shall not be reproduced or disclosed in whole or in part or used for any design or manufacture except where such user possesses direct, written authorization from E-tec Interconnect AG	DRAWN	mga	01.10.2024			
		REV'D	-	-			
APPV'D		mga	01.10.2024				